




Aleem Isiaka

Senior Software Engineer

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PROFILE

I am a senior software engineer with over 6 years of experience who enjoys solving complex problems with simple solutions by leveraging existing methods and technologies and innovating when necessary.

SKILLS

Languages — NodeJS, Go, Ruby • **Frontend** — React, Vue • **SVC** — GitHub, Gitlab, Bitbucket • **Cloud** — AWS, Azure • **CI** — CircleCI, GitHubActions, Travis, Jenkins • **Infrastructure** — Kubernetes[K8s], Terraform, Ansible, Puppet • **Database** — MongoDB[NoSQL], Postgres/MySQL[SQL] •
Streaming — Kafka, ELK, RabbitMQ, Redis • **Logging/Monitoring** — Prometheus, Datadog, ELK, Splunk

PROFESSIONAL EXPERIENCE

Onboardbase  June 2023 – present | California, US
Senior Software Engineer

- Provisioned a highly scalable, available infrastructure, reducing latency by an impressive 80% and enabling a throughput of over 10,000 RPS.
- Developed a session-based encryption mechanism, achieving a significant 95% decrease in unauthorized access incidents, fortifying sensitive data protection.
- Created seamless CI/CD pipelines on Gitlab for the company's services (web apps, backend APIs/CLI tools) and ensured an average of 98% uptime.
- Led the development of SDK and CLI client components, boosting development efficiency by a notable 60%.
- Proposed an accepted optimization process, reducing API latency from 10s to 0.9s.

Oasis Living  August 2021 – July 2023 | London, UK
Senior Software Engineer

- Established an efficient CI/CD pipeline on CircleCI and Logging through Datadog, reducing deployment time by 40%.
- Pioneered comprehensive technical documentation via Confluence Pages and Markdown files, resulting in 30% faster onboarding and enhanced team collaboration.
- Optimized web applications, achieving a remarkable 99% improvement in user experience using advanced optimization methodologies.
- Implemented Jest and Cypress automated tests in Typescript/React, leading to a 95% drop in critical bugs.
- Engineered CLI tools using JS and bash, resulting in a 90% reduction in processing time for blog post generation and rendering, and improved social media optimization.

Josplay  June 2020 – July 2021 | Lagos, Nigeria
Senior Software Engineer

- Engineered high-performance microservices with K8s clusters, enabling >10K streaming RPS on Google Cloud Platform.
- Orchestrated a robust product release pipeline ensuring a safe, efficient, and fault-tolerant CI/CD pipeline using Travis CircleCI and Github.
- Led inclusive team practices for improved code reviews and adherence to engineering best practices.
- Innovated a relay radio service with background AI for uninterrupted music suggestions and playback.
- Implemented highly compatible HLS media player, ensuring optimal streaming experience in 90% of web/mobile browsers.
- Designed and implemented a fault-tolerant runtime environment leveraging cloud services (AWS, GCP), resulting in an 80% increase in system availability using Terraform, Terraform Cloud on Kubernetes.

EconnectNP

July 2019 – June 2020 | Lagos, Nigeria

Senior Software Engineer

- Designed and implemented social streaming services catering to >2,500 active users.
- Orchestrated the entire woozeee product development, adhering to a complete SDLC.
- Engineered server infrastructures, serving over 5,000 RPS.
- Integrated a 99% uptime system with third-party services for diverse woozeee ecosystem users.

DatingKinky Inc

June 2018 – July 2019 | Raleigh, USA

Software Engineer

- Developed and maintained web frontends with Vue, React, HTML, CSS, and JavaScript.
- Designed, architected, and implemented a real-time chat service for >45,000 daily active users.
- Provisioned scalable infrastructures on cloud providers (AWS, GCP).
- Engineered backend services using NodeJS (Express), MongoDB, Bash, and PHP.

Leautricams Software Solutions

August 2017 – June 2018 | Lagos, Nigeria

Software Developer

- Development and maintenance of various web applications using HTML5, CSS3, and PHP (Laravel)
- Development and maintenance of Nigerian state websites and applications.
- Created training manuals and guides for production delivery.
- Monitoring software development from specification through deployment following a complete SDLC.

EDUCATION

Al Hikmah University

Ilorin, Nigeria




Bsc. Computer Science

Lagos State Polytechnic

Lagos, Nigeria

HND Mech. Engineering

CERTIFICATES

- Vault Associate 
- Terraform Associate 
- Prometheus Certified Associate 

PUBLICATIONS

<https://logrocket.com>

Logrocket

<https://blog.logrocket.com/using-firebase-cloud-messaging-as-a-pub-sub-service/>

<https://smashingmagazine.com>

SmashingMagazine

<https://www.smashingmagazine.com/2020/04/nodejs-internals/>

Limistah's Blog

Self Published

<https://limistah.dev/posts/imparative-declarative-coding/>

<https://limistah.dev/posts/go-const/>

PROJECTS

Object Spread

February 2018 – present

The projects span frontend, backend, and utility libraries. I run to them to speed up my development work, as techniques are repetitive. ObjectSpread makes the solutions available to the public.

WitOps

January 2023 – present

WitOps is a smarter way to do Ops in development. It aims to teach DevOps/SRE and provide a framework for anyone interested in getting software to the end user through automation.